EthanDesilets.com

GREATER BOSTON AREA   HELLO@ETHANDESILETS.COM   GITHUB.COM/EDESILETS

TECHNICAL SKILLS

Languages: JavaScript, NodeJS, Ruby, SQL
Frameworks: Bootstrap, Handlebars, Ember.js, Express, Ruby on Rails
ORMs/Databases: MongoDB, PostgreSQL, Microsoft SQL, MySQL, Mongoose, Bookshelf.js

DEVELOPMENT EXPERIENCE

IoT Home Automation Project
* Web app was created as a home automation hub
* System utilizes WebSockets to transmit/receive live sensor data via MQTT Broker
* Based on sensory data, web app utilizes "rules" or manual override to control connected devices
* Frontend: JavaScript, Bootstrap, and jQuery
* Backend: Custom API with user authentication using NodeJS, Express, Bookshelf, and PostgreSQL

Interactive web app to create "To Do" lists
* Focused on separating view from model, implementing UI event listeners, and creating RESTful APIs
* Frontend: JavaScript, Bootstrap, and jQuery
* Backend: Custom API that utilizes Ruby on Rails ORM

Interactive web app to create, submit, and share surveys
* Frontend: JavaScript, Bootstrap, and jQuery
* Backend: Custom API that utilizes NodeJS, Express, and MogoDB

View these projects at EthanDesilets.com

EDUCATION

General Assembly – Boston, MA

Certificate in Web Development Immersive

Key Accomplishments   January 2016 – April 2016
* 12 week course on the fundamentals of web development with >600 hours of training
* Created full stack projects under tight deadlines (<10 days)
* Demonstrated proficiency in JavaScript, jQuery, AJAX, Ruby on Rails, Node, Express, and Ember.js
* Worked with 4 languages, 5 frameworks, and 2 types of databases on numerous assignments

Quinsigamond Community College – Worcester, MA

Certificate in Computer Aided Design (completed with honors)   May 2012

WORK EXPERIENCE

Project/Design Engineering Support, CGL Electronic Security, Inc., Norwood, MA
Key Accomplishments   June 2014 – January 2016
* Created SQL queries to migrate data and extend functionality within third-party systems
* Collaborated with managers to increase process efficiently